AUTODOC CLUB

How to change rear brake discs on **Audi A4 B7** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
AUDI Coupe B3 (89, 8B) S2 quattro, AUDI Coupe B3 (89, 8B) 2.6 quattro, AUDI Coupe B3 (89, 8B) 2.8 quattro, AUDI 80 B4 Saloon (8C2) S2 quattro, AUDI 80 B4 Avant (8C5) S2 quattro, AUDI A4 B6 Saloon (8E2) 1.8 T, AUDI A4 B6 Saloon (8E2) 2.0, AUDI A4 B6 Saloon (8E2) 1.8 T quattro, AUDI A4 B6 Saloon (8E2) 3.0, AUDI A4 B6 Saloon (8E2) 3.0 quattro, AUDI A4 B6 Saloon (8E2) 1.9 TDI, AUDI A4 B6 Saloon (8E2) 2.5 TDI quattro, AUDI A4 B6 Saloon (8E2) 1.6, AUDI A4 B6 Saloon (8E2) 2.5 TDI, AUDI A4 B6 Avant (8E5) 1.6, (+ 50)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE DISCS – AUDI A4 B7. LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- Nylon cleaning brush
- All-purpose cleaning spray
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Torx bit T30
- Wheel impact socket #17
- Ratchet wrench
- Brake caliper wind back tool
- Impact screwdriver
- Water pump pliers
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake discs – Audi A4 B7. Professionals recommend:

- Replace the brake disks on the car Audi A4 B7 in complete set for each axis. Regardless of the state of components. This will ensure even braking.
- The replacement procedure is identical for both brake disks on the same axle.
- When changing the brake discs, always replace the brake pads.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE DISCS – AUDI A4 B7. RECOMMENDED SEQUENCE OF STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.



3 Loosen the wheel mounting bolts. Use wheel impact socket #17.



4 Raise the rear of the car and secure on supports.



5 Unscrew the wheel bolts.



AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Audi A4 B7

6 Remove the wheel.



7 Clean the fastener of the parking brake cable. Use a wire brush. Use WD-40 spray.



8 Release the parking brake cable. Use water pump pliers. Use a crowbar.



9 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



10 Unscrew the brake caliper fastening. Use a combination spanner #13. Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.



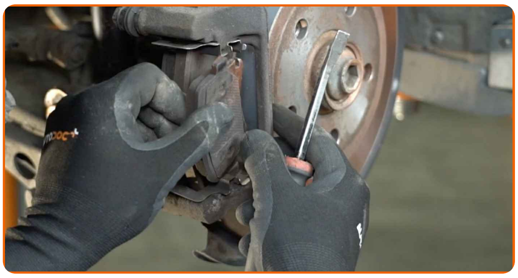
11 Remove the brake caliper.



Replacement: brake discs – Audi A4 B7. AUTODOC recommends:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

12 Remove the brake pads. Use a crowbar.



13 Remove the retaining springs of the brake pads.



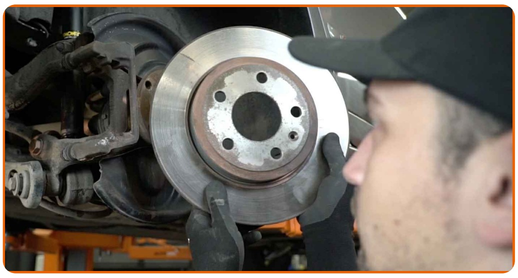
14 Clean the brake disc fasteners. Use a wire brush. Use WD-40 spray.



15 Unscrew the brake disc fastening. Use Torx T30. Use an impact screwdriver.



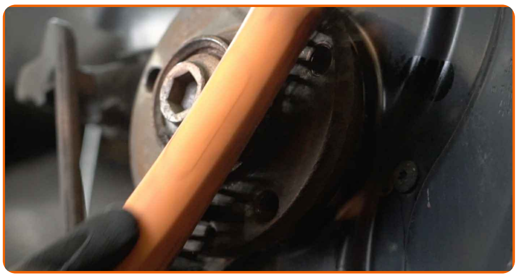
16 Remove the brake disc.



17 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use all-purpose cleaning spray.



18 Clean the hub. Use a wire brush. Treat the contacting surface. Use copper grease.



19 Install the brake disc.



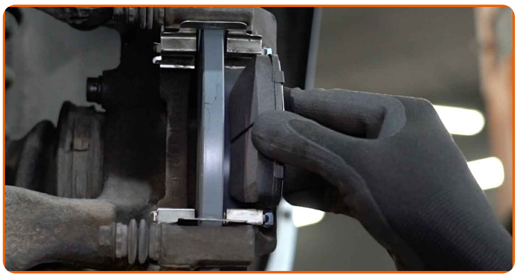
20 Tighten the brake disc fastening. Use Torx T30. Use a torque wrench. Tighten it to 5 Nm torque.



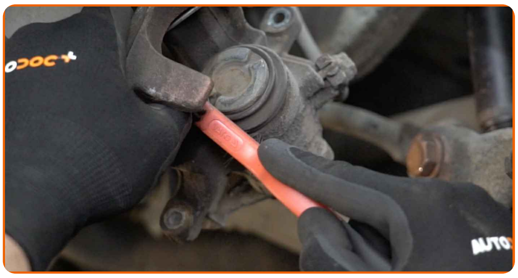
21 Install the retaining springs of the brake pads.



22 Install the brake pads.



23 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

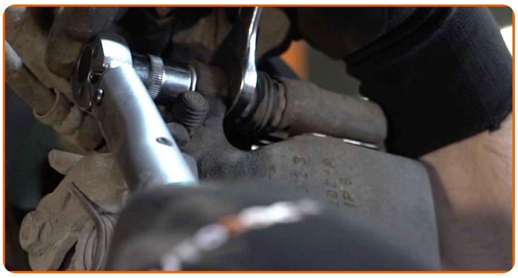
- Replacement: brake discs – Audi A4 B7. After applying the spray, wait a few minutes.

24 Press in the brake caliper piston. Use brake caliper wind back tool.



25

Install the brake caliper and fix it. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



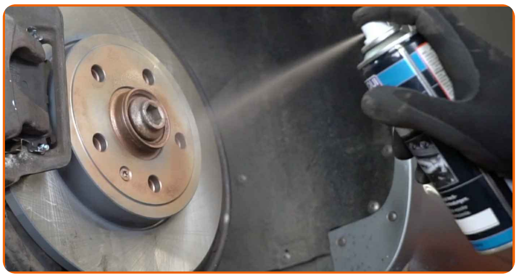
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Install the parking brake cable into the brake caliper bracket. Use water pump pliers.



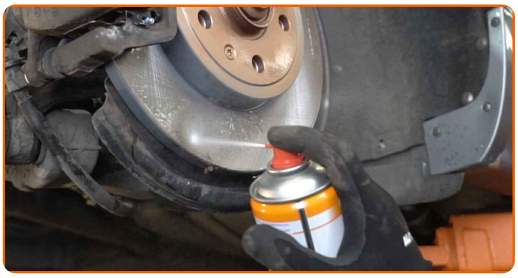
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Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



28

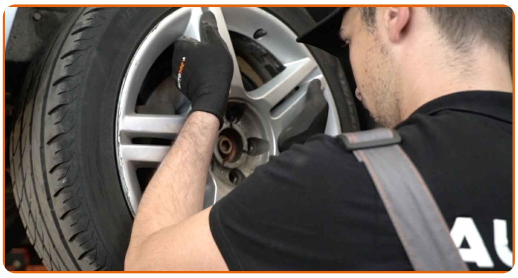
Clean the brake disk surface. Use a brake cleaner.



Replacement: brake discs – Audi A4 B7. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

29 Install the wheel.



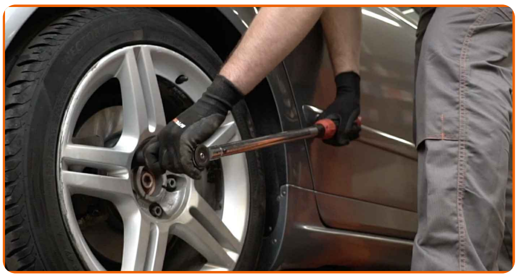
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Audi A4 B7

30 Screw in the wheel bolts. Use wheel impact socket #17.



31 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.



32 Remove the jacks and chocks.



Replacement: brake discs – Audi A4 B7. AUTODOC experts recommend:

- Check the brake fluid level in the expansion tank and refill if necessary.

33 Tighten the brake fluid reservoir cap.



34 Close the hood.



AUTODOC recommends:

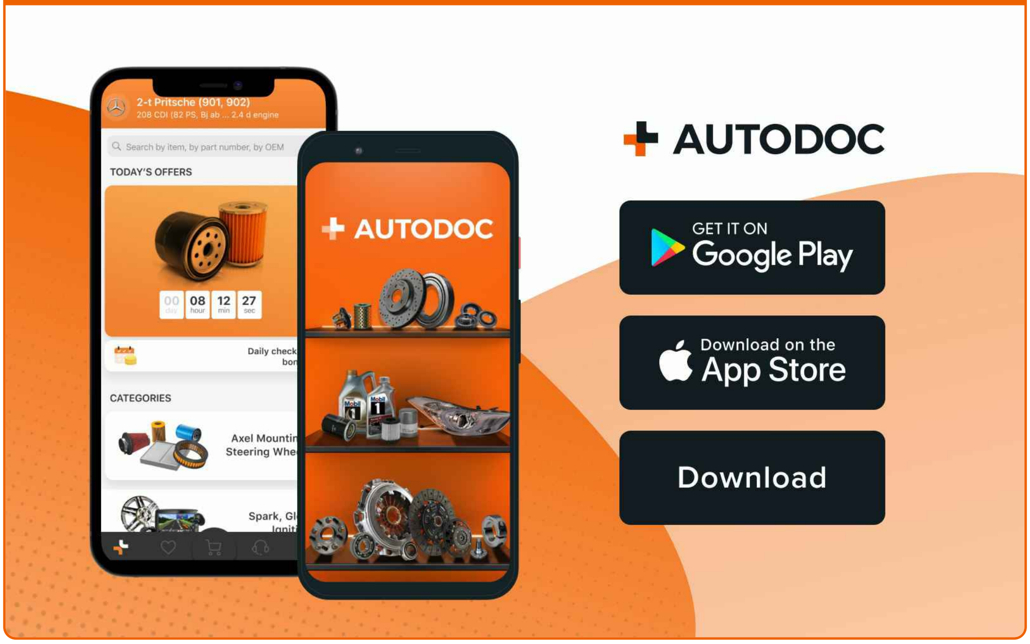
- Audi A4 B7 – Press the brake pedal several times with the engine shut down until you feel the resistance built up.

WELL DONE!

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